

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A meta-layer set of computer instructions residing on computer-readable storage media for integrating ~~[[the]]~~ communications within a manufacturing facility comprising:

~~a graphic user interface generator for generating browser compatible graphic displays based upon data;~~

a structured data exchange for communicating data to ~~[[the]]~~ a graphic user interface generator for display by a browser, the structured data exchange including:

a look-up table to enable translating legacy data, and

a two-way communication layer allowing real-time interaction between the graphic user interface generator and software wrappers; and,

the software wrappers for enabling communication of legacy data between the structured data exchange and one or more software servers, wherein ~~whereby~~ a user interaction received at the graphic user interface generator causes the structured data exchange to retrieve ~~modifies~~ legacy data from at the one or more software servers, the legacy data including at least one of computer-assisted drafting (CAD) files for display, a numerical control program for use on at least one machine tool controller of the manufacturing facility, and numerically control files for display.

2. (Previously presented) The computer instructions residing on computer-readable storage media according to claim 1, wherein the graphic user interface generator is a hyper text markup language (HTML) page generator.

3. (Currently amended) The computer instructions residing on computer-readable storage media according to claim 1, wherein the user interaction causes the structured data exchange to retrieve ~~received at the graphic user interface generator~~ ~~modifies the legacy data by retrieving~~ a numerical control program for use on at least one machine tool controller.

4. (Previously presented) The computer instructions residing on computer-readable storage media according to claim 1, wherein the structured data exchange comprises a network infrastructure.

5. (Previously presented) The computer instructions residing on computer-readable storage media according to claim 4, wherein the network infrastructure comprises one or more software servers.

6. (Previously presented) The computer instructions residing on computer-readable storage media according to claim 4, wherein the user interaction received at the graphic user interface generator modifies the legacy data by retrieving legacy data to generate the browser compatible graphic displays.

7. (Currently amended) The computer instructions residing on computer-readable storage media according to claim 6, wherein retrieving the retrieving-legacy data includes retrieving computer-assisted drafting (CAD) files to generate the browser compatible graphic displays.

8. (Currently amended) The computer instructions residing on computer-readable storage media according to claim 7, wherein the user interaction causes the structured data exchange to retrieve the ~~received at the graphic user interface generator modifies the legacy data by a modification of~~ CAD files by generating commands to at least one software server.

9. (Currently amended) The computer instructions residing on computer-readable storage media according to claim 6, wherein [[the]] retrieving the legacy data includes retrieving numerically control files to generate the browser compatible graphic displays.

10. (Currently amended) The computer instructions residing on computer-readable storage media according to claim 9, wherein the user interaction causes the structured data exchange to retrieve the ~~received at the graphic user interface~~

~~generator modifies the legacy data by a modification of numerically control files by generating commands to at least one software server.~~

11. (Previously presented) The computer instructions residing on computer-readable storage media according to claim 6, wherein the retrieving legacy data includes retrieving parts inventory files to generate the browser compatible graphic displays.

12. (Previously presented) The computer instructions residing on computer-readable storage media according to claim 11, wherein the retrieving parts inventory files includes ordering parts according to the graphic display of parts inventory files.

13. (Previously presented) The computer instructions residing on computer-readable storage media according to claim 5, wherein at least one of the software servers is an Manufacturing Enterprise System.

14. (Withdrawn- Previously presented) The computer instructions residing on computer-readable storage media according to claim 5, where at least one of the software servers is a workstation management system.

15. (Withdrawn- Previously presented) The computer instructions residing on computer-readable storage media according to claim 6, where at least one of the software servers is an Internet gateway.

16. (Cancelled)

17. (Withdrawn- Previously presented) The computer instructions residing on computer-readable storage media according to claim 6, where at least one of the software servers is Scheduling Software.

18. (Withdrawn- Previously presented) The computer instructions residing on computer-readable storage media according to claim 6, where at least one of the software servers is an e-mail server.

19. (Withdrawn- Previously presented) The computer instructions residing on computer-readable storage media according to claim 6, where at least one of the software servers is a parts catalogue.

20. (Withdrawn- Previously presented) The computer instructions residing on computer-readable storage media according to claim 6, where at least one of the software servers is an assembly procedure library.

21. (Withdrawn- Previously presented) The computer instructions residing, on computer-readable storage media according to claim 6, where at least one of the software servers is a warehouse management program.

22. (Withdrawn- Previously presented) The computer instructions residing on computer-readable storage media according to claim 6, where at least one of the software servers is a human resources management program.

23. (Withdrawn- Previously presented) The computer instructions residing on computer-readable storage media according to claim 6, where at least one of the software servers is a benefits management software program.

24. (Withdrawn- currently amended) The computer instructions residing on computer-readable storage media according to claim 6, where at least one of the software servers is an internet-Internet router.

25. (Withdrawn- Previously presented) The computer instructions residing on computer-readable storage media according to claim 6, where at least one of the software servers is an intranet server.

Claims 26-48 (Cancelled)

49. (Currently amended) A system for sharing information incident to manufacturing comprising:

~~a computer network, itself comprising at least one server;~~

~~a browser; at least one computer remote to the server and connected to the server to allow communication with the server;~~

~~a plurality of software servers containing legacy data incident to the manufacturing and communicatively connected to the network; and~~

~~an intermediate server for implementing software product, itself comprising: a structured data exchange for communicating data to with the browser a graphic user interface generator for display, the structured data exchange including: [;]]~~

~~a look-up table to enable translating legacy data; and~~

~~a two-way communication layer allowing real-time interaction between the graphic user interface generator and software wrappers;~~

~~the software wrappers for communication between each of the software servers and the browser a structured data exchange; and~~

~~the graphic user interface generator for browser displaying data from the intermediate server structured data exchange~~

~~wherein whereby a user interaction received at the graphic user interface browser causes the intermediate server to retrieve generator modifies legacy data from [at]] the one or more software servers, the legacy data including at least one of computer-assisted drafting (CAD) files for display, a numerical control program for use on at least one machine tool controller of the manufacturing facility, and numerically control files for display.~~

50. (Currently amended) A system according to claim 49, further comprising wherein the graphic user interface generator is a hyper text markup language ("HTML") page generator for the browser.

51. (Currently amended) A system according to claim 49, wherein ~~modifying~~ retrieving legacy data includes retrieving a numerical control program for use on at least one machine tool controller.

52. (Cancelled)

53. (Currently amended) A system according to claim ~~[[52]]~~ 49, wherein the ~~retrieving~~ legacy data includes ~~retrieving~~ computer-assisted drafting (CAD) files to generate the browser compatible graphic displays.

54. (Currently amended) A system according to claim 53, wherein retrieving the ~~modification of data includes the modification of~~ CAD files includes ~~[[by]]~~ generating commands to at least one software server.

55. (Currently amended) A system according to claim 49, wherein the ~~retrieving~~ legacy data includes ~~retrieving~~ numerically control files to generate the browser compatible graphic displays.

56. (Currently amended) A system according to claim 55, wherein retrieving the ~~modifying~~ legacy data includes ~~modification of~~ numerically control files [[by]] includes generating commands to at least one software server.

57. (Currently amended) A system according to claim ~~[[52]]~~ 49, wherein the ~~retrieving~~ legacy data further includes retrieving parts inventory files to generate the browser compatible graphic displays.

58. (Currently amended) A system according to claim 57, wherein the ~~retrieving~~ parts inventory files includes ordering parts according to the graphic display of parts inventory files.

59. (Previously presented) A system according to claim 49, wherein at least one of the software servers is an Manufacturing Enterprise System.

60. (Withdrawn) A system according to claim 49, where at least one of the software servers is a workstation management system.

61. (Withdrawn-previously presented) A system according to claim 49, where at least one of the software servers is a computer assisted drafting software server.

62. (Cancelled)

63. (Withdrawn) A system according to claim 49, where at least one of the software servers is Scheduling Software.

64. (Withdrawn) A system according to claim 49, where at least one of the software servers is an e-mail server.

65. (Withdrawn) A system according to claim 49, where at least one of the software servers is a parts catalogue.

66. (Withdrawn) A system according to claim 49, where at least one of the software servers is an assembly procedure library.

67. (Withdrawn) A system according to claim 49, where at least one of the software servers is a warehouse management program.

68. (Withdrawn) A system according to claim 49, where at least one of the software servers is a human resources management program.

69. (Withdrawn) A system according to claim 49, where at least one of the software servers is a benefits management software program.

70. (Withdrawn) A system according to claim 49, where at least one of the software servers is an Internet router.

71. (Withdrawn) A system according to claim 49, where at least one of the software servers is an Intranet server.

Claims 72-75 (Cancelled)